14230 U.S. PTO
100103

UTILITY PATENT APPLICATION TRANSMITTAL (New Nonprovisional Applications Under 37 CFR § 1.53(b)) EXPRESS MAIL #ER454373412US	Attorney Docket No. 024.0006D1

TO THE COMMISSIONER FOR PATENTS:

Transmitted herewith is the patent application of ( ) application identifier or (X) first named inventor, Michael P. Moriarty, entitled, for a(n):

METHODS AND APPARATUSES FOR REMOVING THERMAL ENERGY FROM A NUCLEAR REACTOR

( ) Original Patent Application.

(X) Continuing Application (prior application not abandoned):
- ( ) Continuation (X) Divisional ( ) Continuation-in-part (CIP)
  of prior application No: **10/405,000** Filed on: **March 31, 2003**.
- ( ) A statement claiming priority under 35 USC § 120 has been added to the specification.

17497 U.S.PTO
10/677348
100303

Enclosed are:
- (X) Specification: **8** Total Pages.
- (X) Claims: **6** Total Pages.
- (X) Abstract: **1** Total Pages.
- (X) Formal Drawing(s): **4** Total Sheets.
- ( ) Informal Drawing(s):____Total Sheets.
- (X) Oath or Declaration:
  - ( ) A Newly Executed Combined Declaration and Power of Attorney:
    ( ) Signed. ( ) Unsigned. ( ) Partially Signed.
  - (X) A Copy from a Prior Application for Continuation/Divisional (37 CFR § 1.63(d)).
    - (X) Incorporation by Reference. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated herein by reference.
    - ( ) Signed Statement Deleting Inventor(s) Named in the Prior Application. (37 CFR § 163(d)(2)).
- ( ) Power of Attorney.
- ( ) Associate Power of Attorney.
- (X) A check in the amount of **$ 770.00** for the Fees associated with this filing.
- ( ) Preliminary Amendment.
- ( ) A Duplicate Copy of this Form for Processing Fee Against Deposit Account.
- ( ) A Certified Copy of Priority Documents (if foreign priority is claimed).
- (X) Return Receipt Postcard.
- (X) Assignment (copy from prior application).
- (X) Other: ***Preliminary Amendment (6 pages)***

CLAIMS AS FILED				
FOR	NO. FILED	NO. EXTRA	RATE	FEE
Total Claims	7	0	$18.00	**$0**
Independent Claims	1	0	$84.00	$0
Multiple Dependent Claims (if applicable)				$0
Assignment Recording Fee				$0
Basic Filing Fee				**$770.00**
			Total Filing Fee	**$770.00**

Charge $__0__ to Deposit Account __50-2091__ pursuant to 37 CFR § 1.25. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 50 -2091.

Respectfully submitted,

By: _____
Brett A. Carlson
Reg. No. 39,928

Date:

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